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F16.1

10

APPLICATION MODULE(S)
(e.g., surveillance, monitoring, traffic control, etc.) COMPUTER VISION SYSTEM

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Title: METHOD FOR MONITORING A MOVING OBJECT AND SYSTEM REGARDING SAME Applicant(s): PAVLIDIS et al.

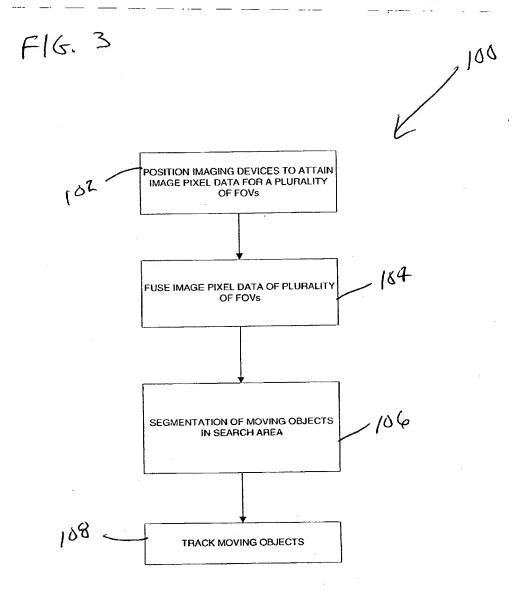
Serial No.: Unassigned Filed: Herewith Docket: H0002442-02

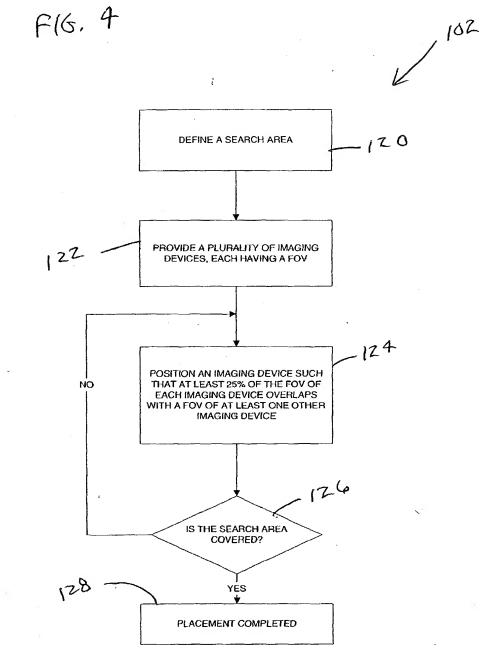
Express Mail No.: EL 888272232 US

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20 FIG.Z 31 42 COMPUTER APPARATOS Feature Labeled Cases Assembly Computer 30 Cluster Analys Vision MODULE Model Development 43. 32 48 58 46 On-line
Threat Classifier 59 57

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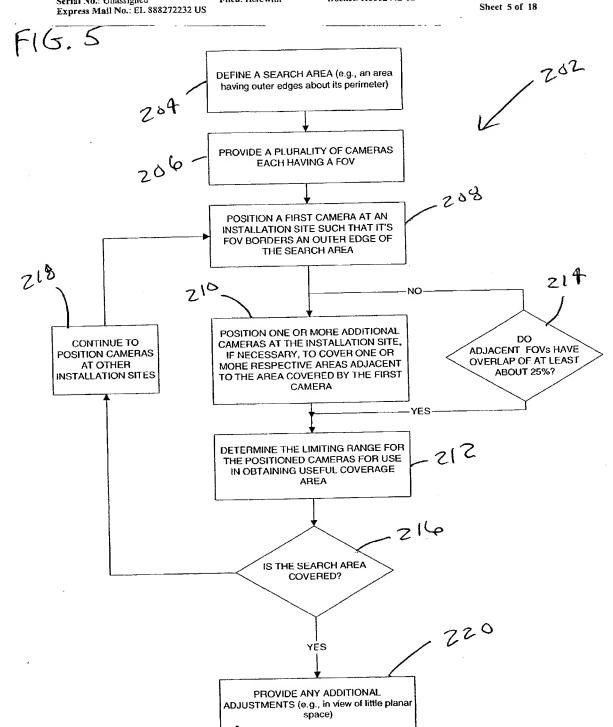


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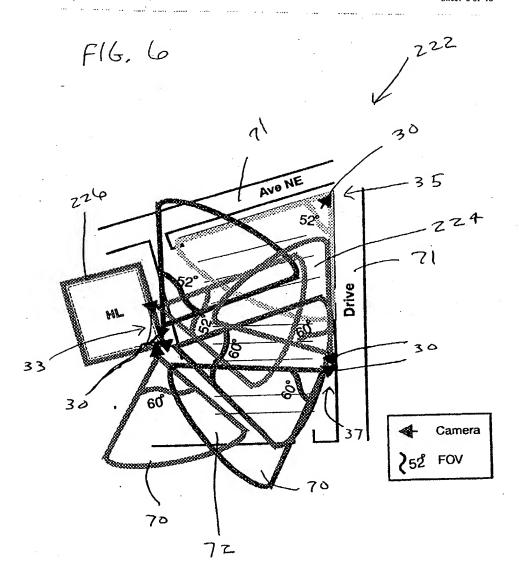
Applicant(s): PAVLIDIS et al. Serial No.: Unassigned

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Docket: H0002442-02



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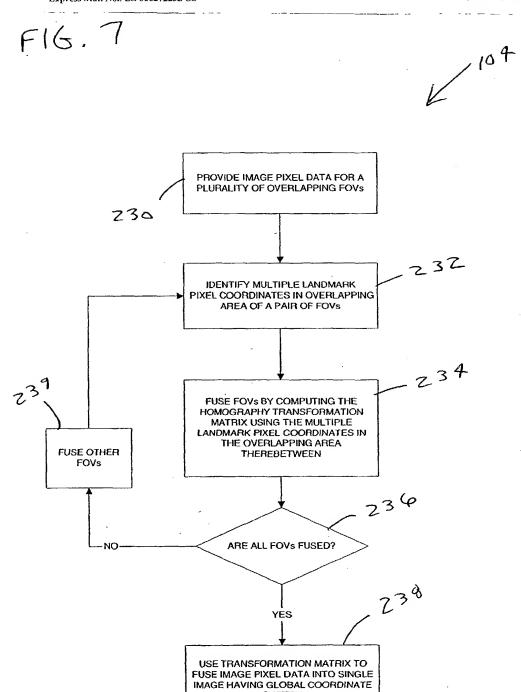
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Applicant(s): PAVLIDIS et al.

Serial No., Unassigned Express Mail No.: EL 888272232 US Filed: Herewith

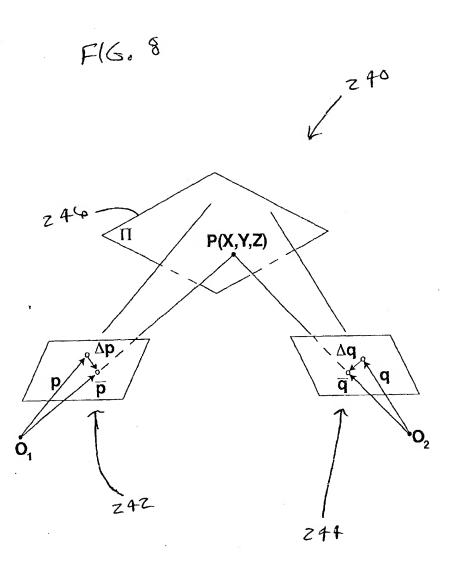
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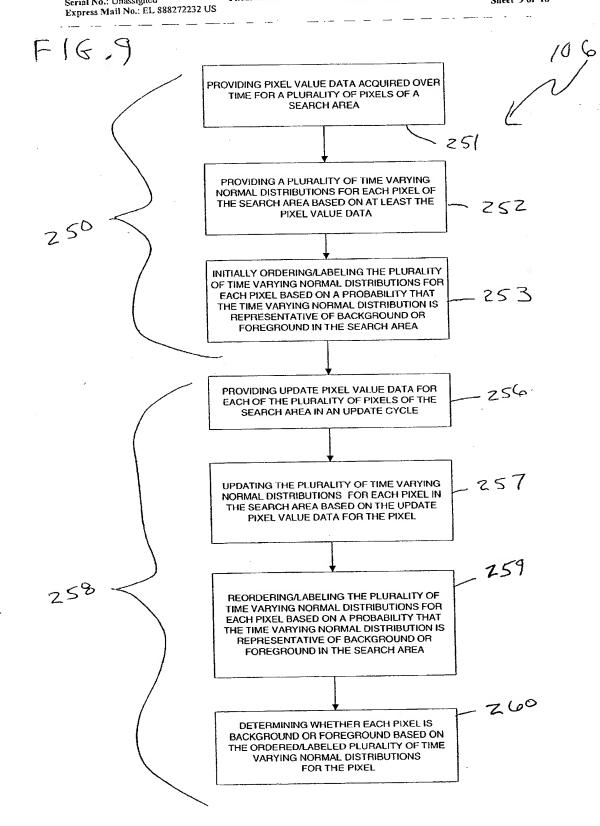
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SYSTEM

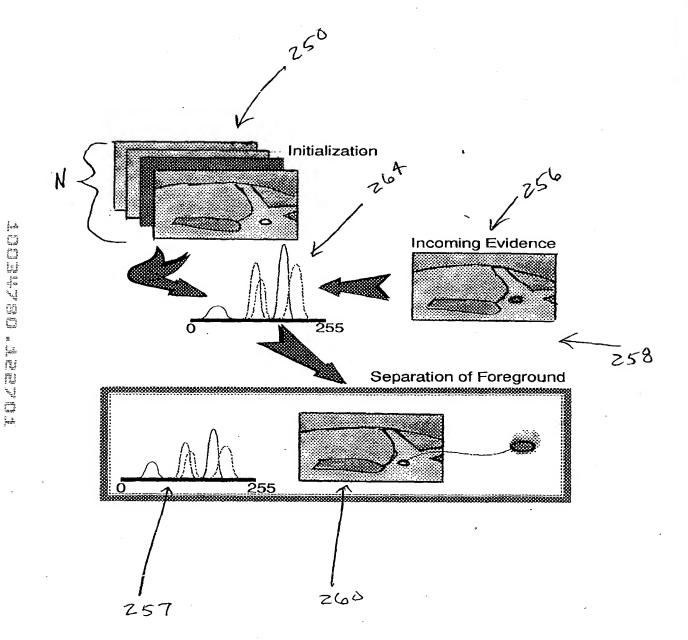




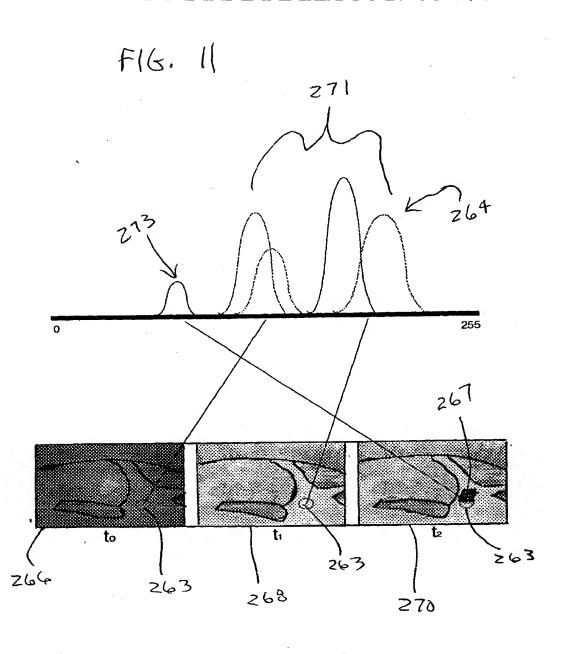


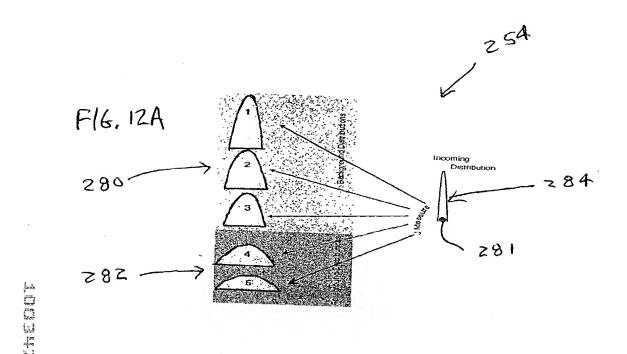
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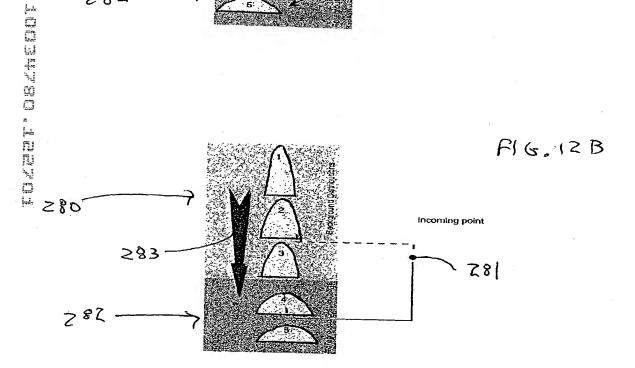
F16-10











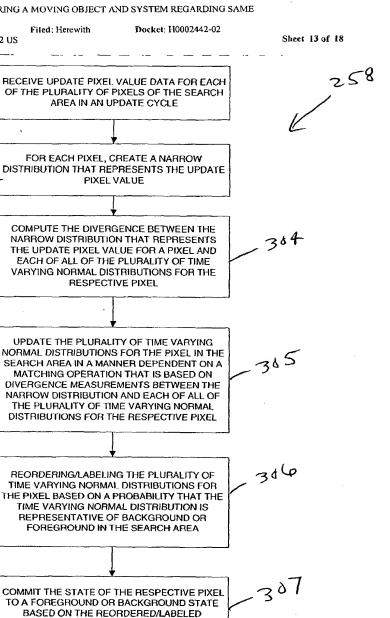
Title: METHOD FOR MONITORING A MOVING OBJECT AND SYSTEM REGARDING SAME Applicant(s): PAVLIDIS et al.

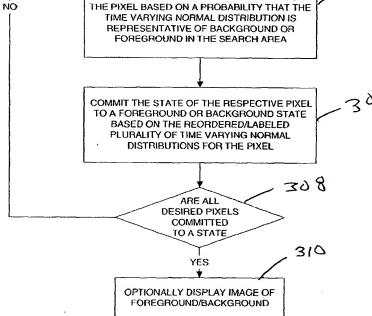
Serial No.: Unassigned Express Mail No.: EL 888272232 US

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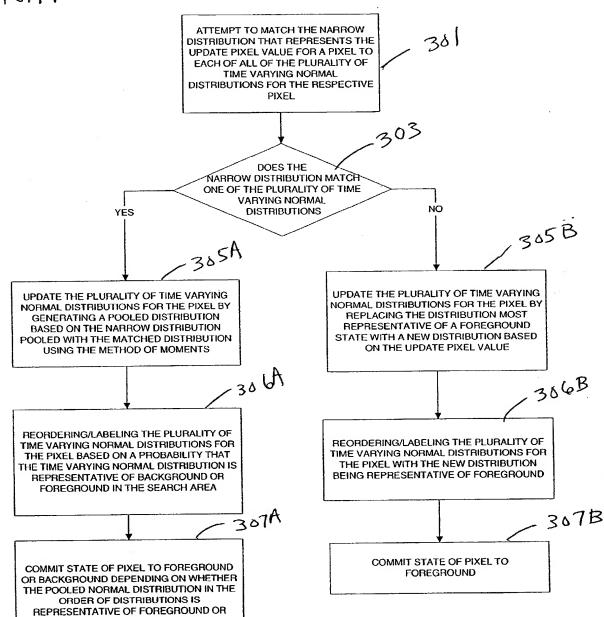
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BACKGROUND





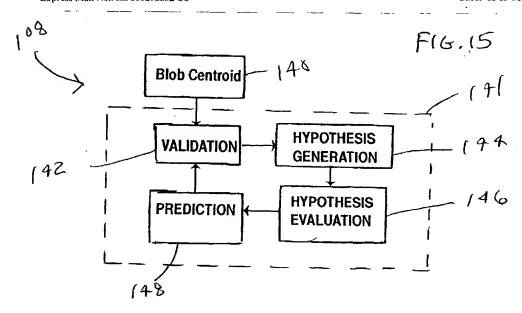
Title: METHOD FOR MONITORING A MOVING OBJECT AND SYSTEM REGARDING SAME

Applicant(s): PAVLIDIS et al. Serial No.: Unassigned Express Mail No.: EL 888272232 US

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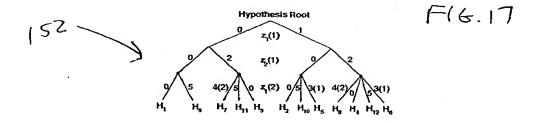
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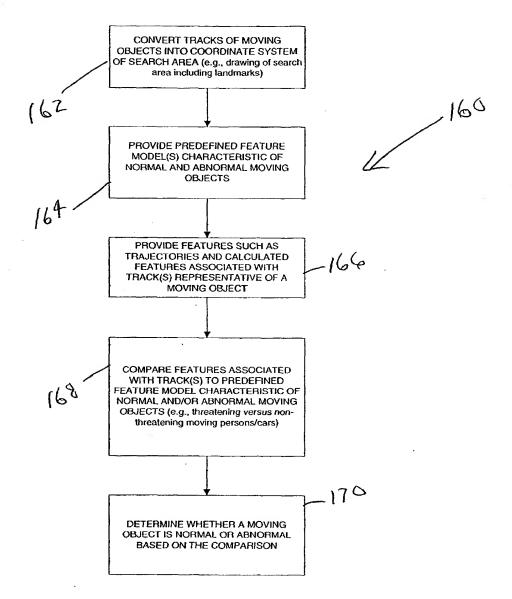
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Hypothesis	$z_i(1)$	$z_2(1)$	z ₁ (2)	Track No.
H_1	0	0		0
H_2	1	0	-	1
H_3	0.	2	-	2
H_4	1	2		1,2
H_5	1	0	3(1)	3
H_6	1	2	3(1)	2,3
H_7	0	2	4(2)	4
H_8	1	2	4(2)	1,4
H_9	0	0	5	5
H_{10}	1	0	5	1,5
H_{11}	0	2	5	2,5
H_{12}	1	2	5	1,2,5

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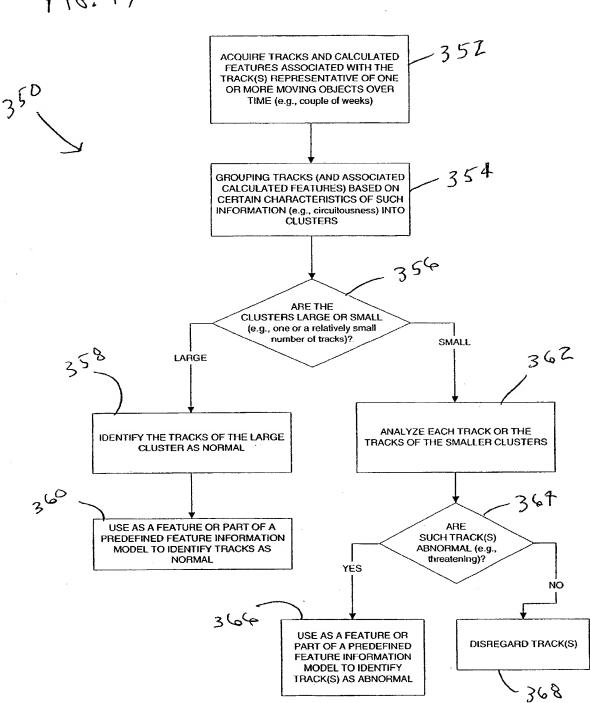
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